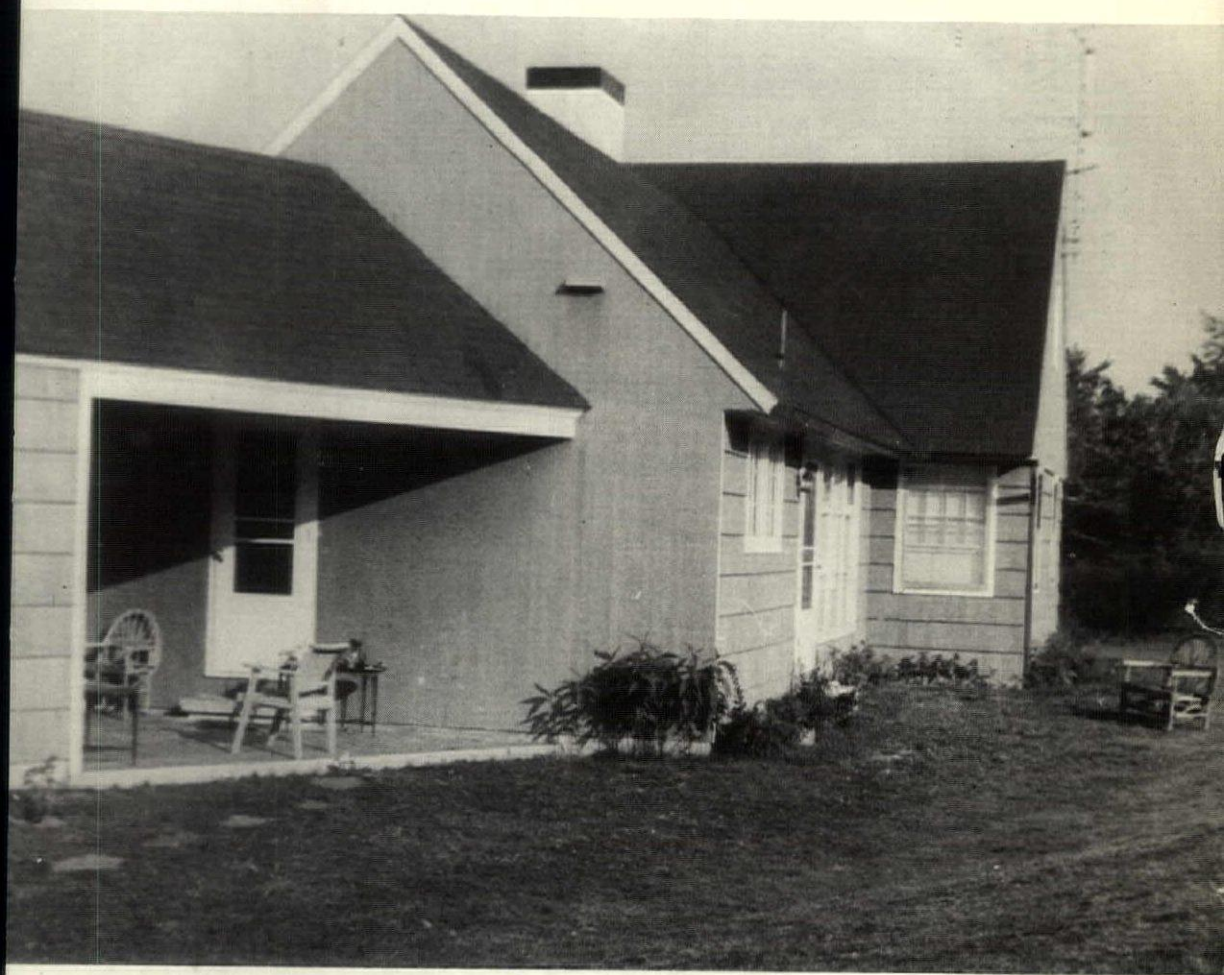


OCTOBER

1953

New Hampshire ARCHITECT



OFFICIAL PUBLICATION

New Hampshire Chapter of the American Institute of Architects



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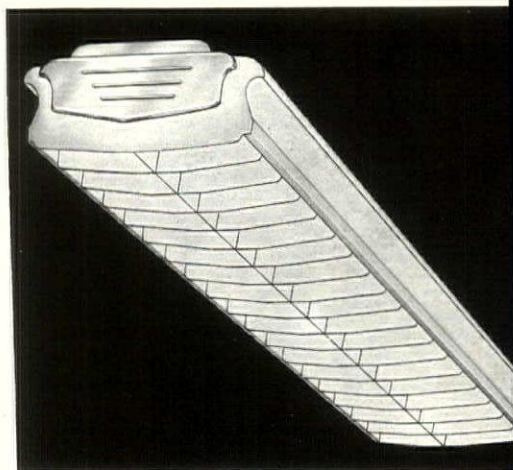
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COVER PICTURE

Residence of Mr. and Mrs. Emil O'Bernier Middlebury, Connecticut

ALEXANDER J. MAJESKI, Architect

Located on a hill overlooking a traditional New England town, this house maintains the atmosphere of its surroundings with its squat, white chimney, wide windows, shingle siding, and several wings.

A lovely view dictated placement of the larger windows. The entire house is so designed that all rooms are accessible without having to pass through another room. The interior meets all requirements of modern life in a rural area.

The President's Message

Good Things

These lovely golden leaves of autumn will be whirling around the ground and the smell of turkey browned and crisp will be in the air when you read these lines. Breathe deeply, feel the cut of ice and remember the days when you stuck your tongue on skates or sled runners—seems life was less of a rush those days, doesn't it? Pleasures were much more simple too,—remember the after-school lunch with a piece of bread and butter sprinkled with sugar and a hard snapping apple. Why must we complicate our living, our architecture with so many non-essentials. Does maturity carry with it the need for softer cushions, physically and mentally—or is the old oak chair just a little too hard? My mother had beautiful laughter, Lord, she would roll out the bubbling mirth. I'm quite sure our home was architecturally incorrect, but the laughter, the warm room-stoves, the hot water bottles, the ridiculous night clothes made it a place to want to come home to. If we as architects could somehow instill the laughter, the sense of sheltered security and warmth of good friends into our designs, we would need no module of measurement except a receptive mind.

Work

The New Hampshire Chapter A. I. A. will be expected to take active part in the arrangements for the National A. I. A. meeting in Boston this coming year. Your president has requested your ex-president Eugene Magenau, to serve as chairman of the National-New Hampshire Chapter A. I. A. affairs committee with carte blanche to pick his committee from our membership. It is hoped that those requested to serve will do so with the sincere intent to follow through.

Registration

It is distressing to the New Hampshire profession of architecture that non-resident fellow architects practicing architect-

ure in this state delay so long in obtaining registration to practice here. It would appear that the public communities, and private enterprises whose income depends on the local people yet find it expedient to employ professional services outside of the state become aware of the laws governing the architectural profession as practiced in New Hampshire. In every instance of violation by non-resident architects, these same architects are known to be registered at least in their own state yet in presenting their credentials to the prospective New Hampshire clients they fail to inform them of their lack of proper New Hampshire registration. It would appear to stretch the imagination to believe that these architects are ignorant of laws similar to those they operate under in their own back yard.

Briefly the law states:

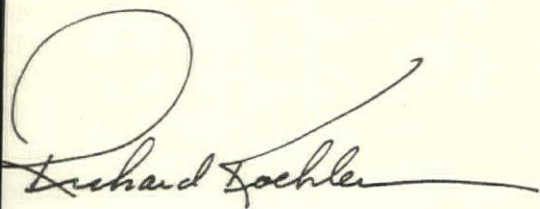
1. The terms "architect" and "registered architect" shall be deemed to be identical in meaning . . .
2. Art. 24—It shall be a violation of this chapter . . . for any person without registration from the board to practice architecture in this state as an architect or to offer, or to advertise or hold himself out to the public to practice architecture in this state as an architect.
3. Rule XIV. Violations and Penalties—any person who shall violate any provision of this act, shall be fined not less than one hundred nor more than five hundred dollars or imprisoned for not exceeding three months, or both. It shall be the duty of all duly constituted officers of the law of this state, or any political subdivision thereof, to enforce the provisions of this act and to prosecute any persons violating same.

To you registered architects of New Hampshire who have worked to obtain laws governing registration, may I suggest that in probable violations you take the following steps:

Check with New Hampshire Board of Registration for Professional Architects to ascertain if the party is registered or has made application for registration and if not—

Contact by letter a duly constituted officer of the law of this state, i. e., County solicitor, policeman, sheriff, stating your findings as regards the violation.

Unless this law is respected and upheld there can be little use to its existence.



THE ARCHITECT

As with artisans, so with artists, we see most striking proofs that man can at appropriate to himself that which is completely belongs to him. His works leave him as a bird leaves the nest in which it was hatched. The lot of the architect is in this respect strange above others. How often does he direct his whole mind and soul to the constructing and perfecting of rooms from which he must be for ever shut out! The royal halls are indebted to him for a splendour the effect of which he can never enjoy. In the temple he fixes an impassable barrier between himself and the Holy of holies. The steps which he has laid for the celebration of the heart-elevating mysteries, he must never venture to ascend; the goldsmith looks with distant reverence on the sacred chalice, to the goldsmith gems of which he has given shape and brilliancy. With the keys of the palace the architect delivers up to the rich man his conveniences and enjoyments, of which he is never to share in one.

WALLPAPER PATTERN DISTURBS PATIENT

A gentleman who was ill of low nervous fever, accompanied by fits of mental aberration, would lie in his bed, with his eyes fixed intently upon the opposite wall, continually muttering to himself, "Fourteen up, thirty-three across—fourteen up, thirty-three across." Notwithstanding the best medical advice, and every other effort that was made for his recovery, he still continued to lie in the same dreamy state, uttering the same words. At length it struck the physician that the incessant reiteration of these words must be connected with some image presented to the mind through the eye. And it further occurred to him that the paper of the room might afford a solution. The pattern of the room consisted of lozenge-shaped figures, which followed each other at regular intervals. On counting these the physician found that the number exactly tallied from the floor to the ceiling, and thirty-three from one end of the room to the other. Acting upon this discovery, he immediately ordered the removal of the patient to another room, where the paper was of a totally different pattern. This was done while the patient was asleep, and when he awoke he commenced mechanically with "Fourteen," but suddenly stopped, looked puzzled, and then smiled. From that moment he never uttered the old burden, his recovery came gradually and slowly, and he finally became convalescent. This gentleman used afterwards to relate that he had an indistinct recollection of certain figures which commenced with the lozenge form, but afterwards assumed a variety of shapes and colours, never however, losing the identity of number, namely, fourteen up, and thirty-three across.

Horse sense is what keeps horses from betting on what people will do.

—Raymond Nash

Architects, Builders, Social Group To Seek Better-Designed Housing

WASHINGTON—The nation's architects, builders and social scientists have teamed up in a major attempt to give Americans better homes and prevent the construction of "ready-made" slums.

The key to the problem is good design. The solution of the problem, they believe, will bring to Americans a better way of life—an aid to all Americans "in their struggle against an unfriendly world."

The American Institute of Architects and the National Association of Home builders have set up a joint committee to help show their members how they can work together to produce better homes.

The Social Science Research Council has assigned its Committee on Housing Research to study environmental factors on family life and how these can be improved through better and more beautiful homes. Exact knowledge on how this can be widely done is lacking but the committee proposes to find out.

"As a practical matter," a recent report on a committee conference stated, "a nation that expects to build houses at a rate of something more than 1,000,000 units a year for the rest of this century ought to have a better idea of how they should be designed."

Walter A. Taylor, director of the A. I. A.'s Department of Education and Research, put it this way:

"The job of our committee is to do two things. First, we have got to persuade more home builders to use more architects. Second, we have got to persuade more architects that community developments are proper and profitable work for them."

Taylor said slums of the future will come from community developments built in a "deadly uniformity" that will quickly make them "a drug on the market."

"To get rid of this curse of monotony the job of the architect, the site planner and the builder, working together," said.

This year, for the first time, the A. I. A. offered special "honor awards" for "outstanding American architecture" in the development housing field. The institute added development housing to its award category in a deliberate attempt to encourage architects and builders to collaborate in this type of construction.

The A. I. A. received twenty-eight entries for the development housing award. Because of "the consistently high quality of the entries the institute plans to send the exhibits on a nation-wide tour."

Taylor said the collaboration between architects and builders in mass-market housing construction has been "unsatisfactory in the past."

"Builders have not learned that it is worth dollars and cents to them to hire architects," he said. "With the housing market tightening, good designs is becoming a real sales need. Besides it provides savings as well."

He said "junk" housing, rushed to completion after World War II, has already started to "filter down the economic ladder and will shortly become 'underprivileged slums.'"

"Builders think it clever to save the architect's fee," Taylor said. "But more talks—and they're in the business for money. The sooner they learn that the sales will be better, the sooner they will use more architectural designing."

Taylor said that where housing developments use good designing and good site planning the people living in the new community develop a "pretty good esprit de corps."

Social scientists working with the Co-

tee on Housing Research came up with similar conclusion: The design of a use has an "influence, both profound and pervasive," on the persons who live it.

"There are unmistakable signs that housing must do more to ameliorate poor living conditions," the committee reported.

Although they disagreed on many things, the social scientists did agree on these three things:

1. There is "an interaction between the environment (of the home) and the family."

2. "The present (housing) structures and environment are inadequate."

3. "The object of the conference is to produce the means whereby we will create new environments different from what we have now, which will be conducive to better family living."

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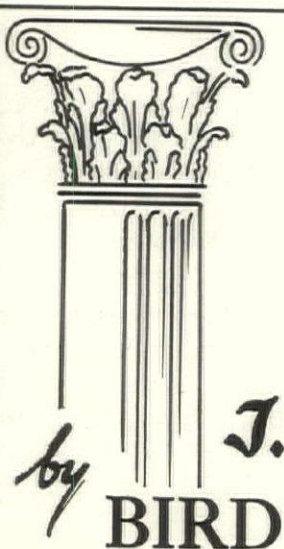
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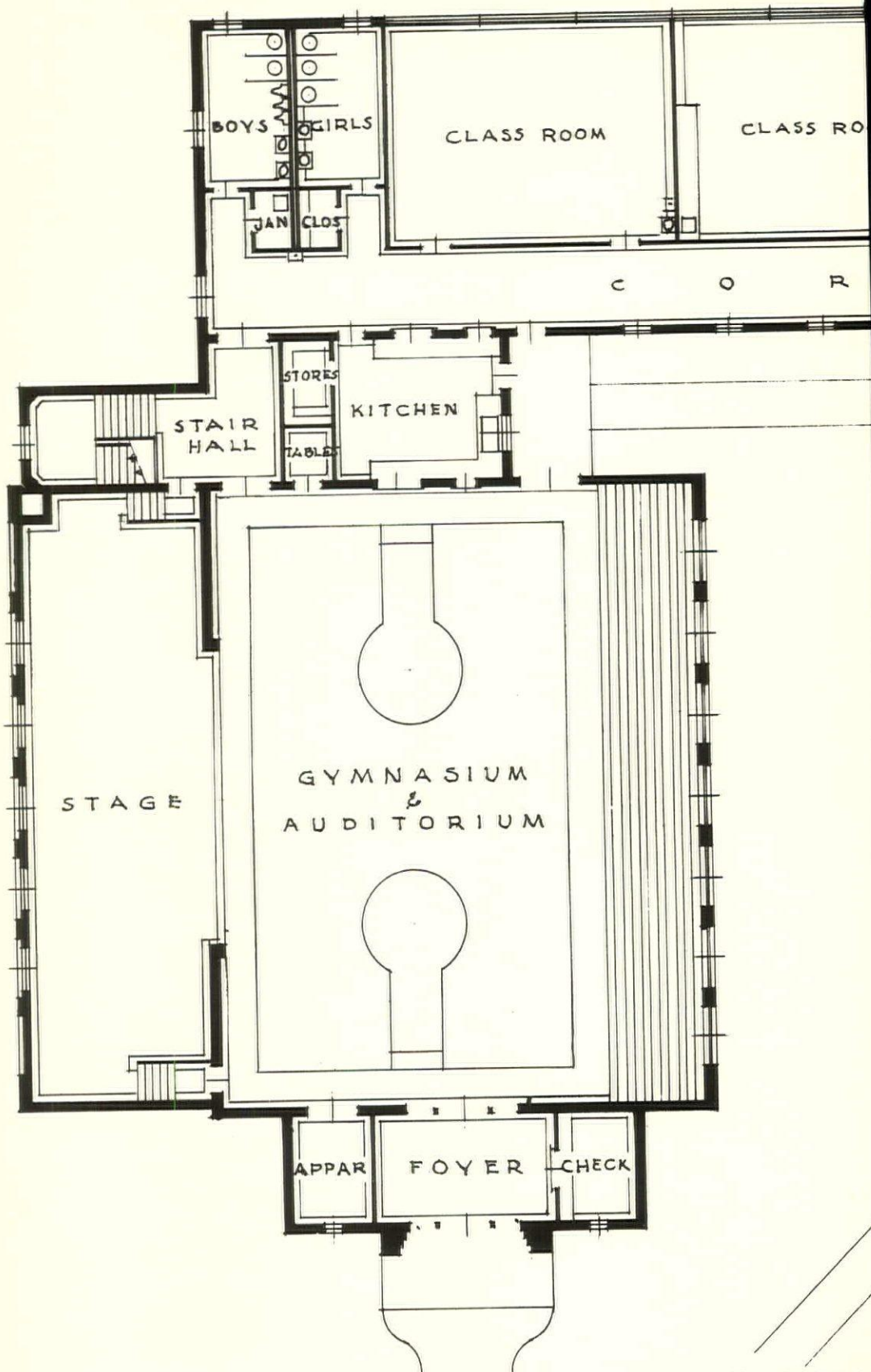
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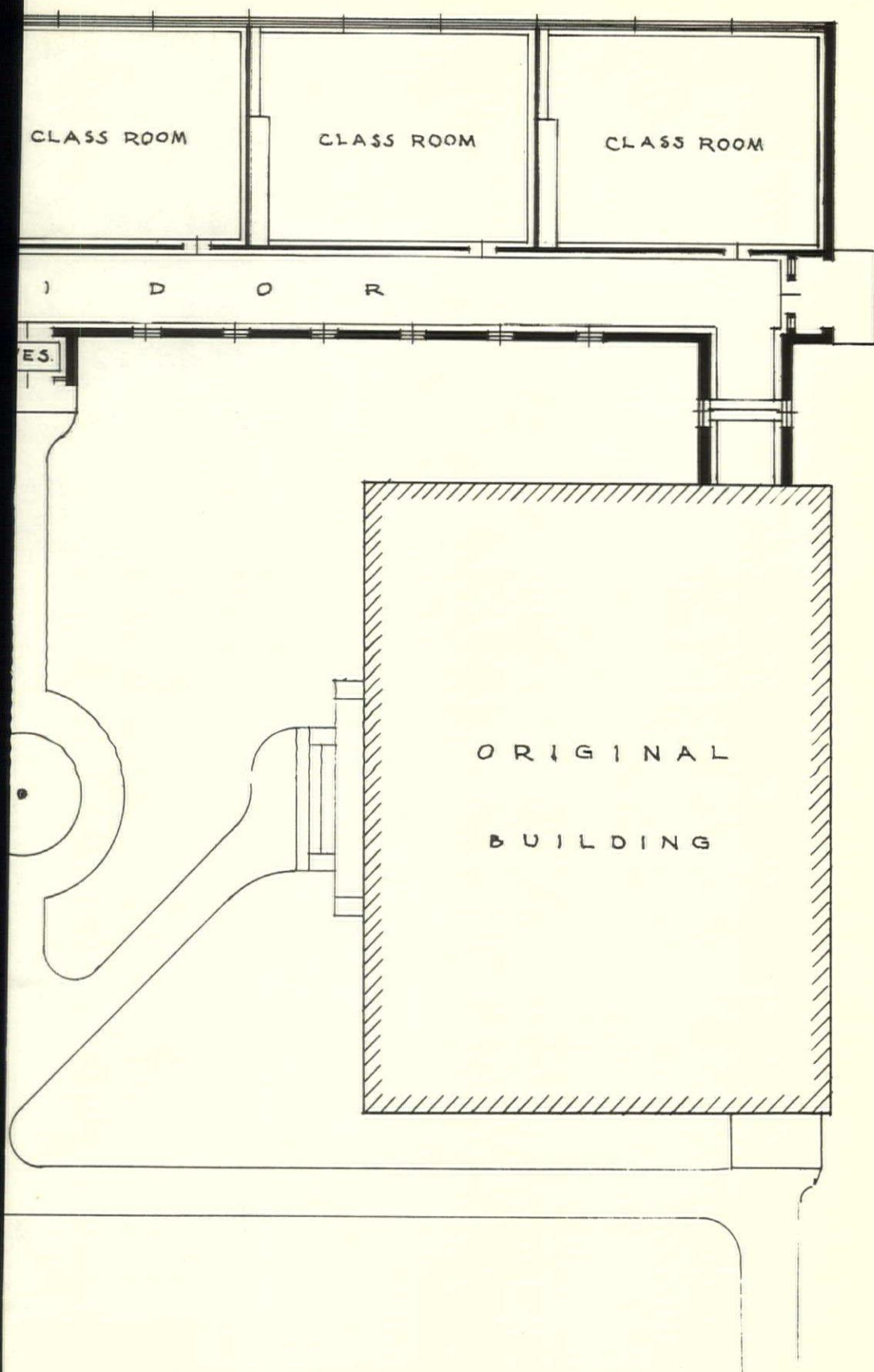
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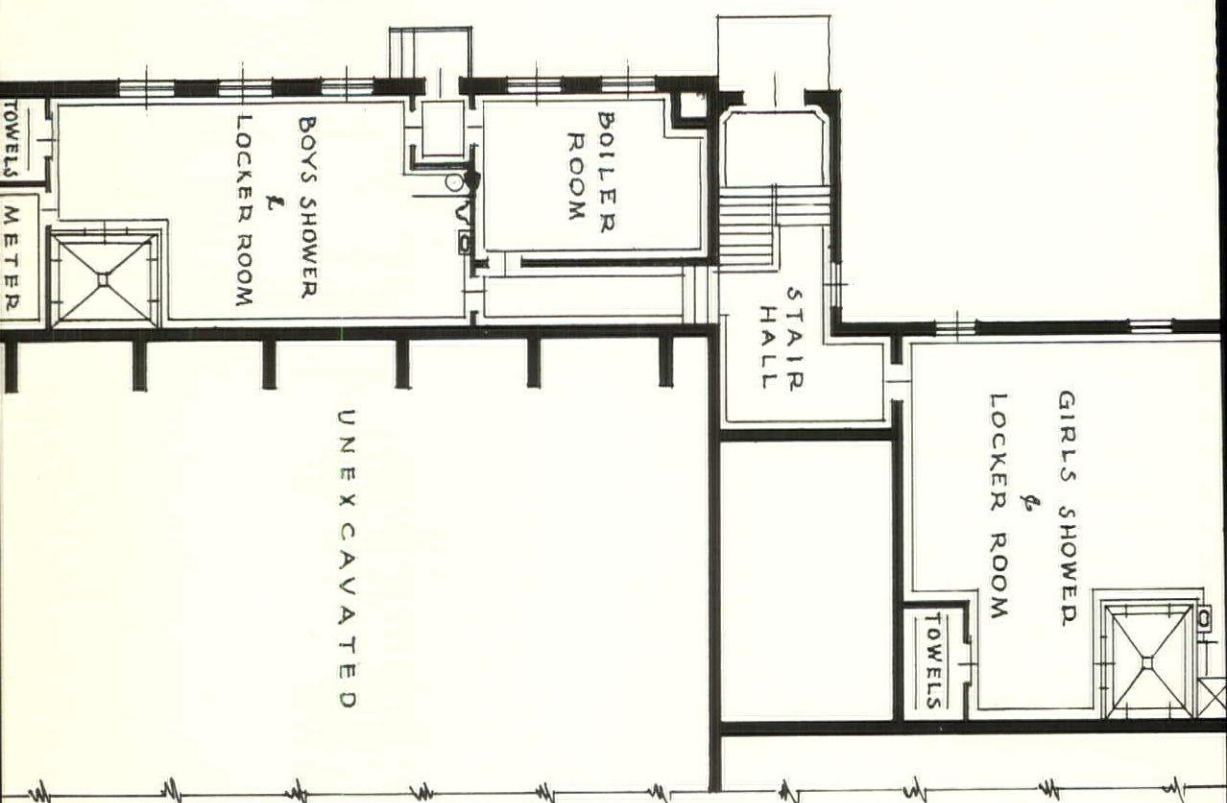
A. ARCHITECT



FLOOR PLAN



Exterior View of Suncook School Addition



New Addition Provides Five Class Rooms and Facilities for Recreation

This addition was erected to relieve an ever crowded pupil condition in the old building which was erected some seventy or more years ago.

The new building was so located as to take advantage of the natural slope of the lot of some fifteen feet at the south side. This afforded space for locker and shower rooms for both boys and girls as well as for the boiler, supply and meter rooms.

The main floor has five class rooms each 4' x 32' one of which has served as a lunch room. This coming school year, this room will become the fifth class room and lunches will be served either in the gymnasium or in the class room by means of food trucks.

The kitchen is located between the gymnasium and main corridor with serving windows to each. It also has a large store room and entrance from the corridor and to the exterior.

The main corridor leads into the basement of the old building at the north end and to the stair hall at the south end. Stairs lead to the basement and to the stage. The stair hall also forms a shut-off between the gymnasium and class room section of the building.

The gymnasium is 53' 6" wide by 67' long with natural light from the north. There is a junior size basketball court 35' x 40' and folding bleachers with a seating capacity for 336. The stage is located at the side of the gymnasium and is 20' wide by 66' long and has direct access from both the gymnasium and the stair hall. Windows are located in the rear wall in order that the stage may be used for class room activities.

Foundation walls and floors are of concrete and exterior walls are brick veneer backed with cinder block and all interior partitions are also of cinder block. Windows except in the class rooms are steel

sash and those in the class rooms are of glass block with ribbon windows under.

The roof framing over the class rooms is of long span bar joist spanning over the partition between the class rooms and corridor. The roof has a pitch of three feet to afford a sloping ceiling in the class rooms but is furred down in the corridor to afford space for ventilating ducts. The roof of the gymnasium is also of long span bar joist without a ceiling.

The finished floors in the class room section of the building are of asphalt tile, and maple in the gymnasium and fir on the stage.

Ceilings, except in the gymnasium and stage are acoustical tile.

The cost of the building was \$170,000. The general contractor was David W. Davison, Manchester; heating & plumbing, Orr & Rolfe of Concord; electric work by Costigan Electric Co., Concord and painting by B. N. Perry, Manchester.

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Value of A Bit of Knowledge

In the Piazza before St. Peter's at Rome stands a beautiful obelisk. It was brought from the circus of Nero, where it had lain buried for ages. It was one entire piece of Egyptian marble 72 ft. high, 12 ft. square at the base, and 8 ft. square at the top, is computed to weigh above 470 tons, and supposed to be 3000 years old. Much engineering skill was required to remove and erect this piece of art; and the celebrated architect, Dominico Fontane, was selected and engaged by Pope Sextus V. to carry out the operation. A pedestal 30 ft. high was built for its reception, and the obelisk brought to its base. Many were the ingenious contrivances prepared for the raising of it to its last resting-place, all of which excited the deepest interest among the people. At length everything was in readiness, and a day appointed for the great event. A great multitude assembled to witness the ceremony; and the Pope, afraid that the clamour of the people might distract the attention of the architect, issued an edict containing regulations to be kept, and imposing the severest penalties on any one who should, during the lifting of the gigantic stone, utter a single word. Amidst suppressed excitement of feelings and breathless silence, the splendid monument was gradually raised to within a few inches of the top of the pedestal, when its upward motion ceased; it hung suspended, and could not be got further; the tackle was too slack, and there seemed to be no other way than to undo the great work already accomplished. The annoyed architect, in his perplexity, hardly knew how to act, while the silent people were anxiously watching every motion of his features, to discover how the problem would be solved. In the crowd was an old British sailor; he saw the difficulty and how to overcome it, and with stentorian lungs he shouted, "Wet the ropes!" The vigilant police pounced on the culprit and lodged him in prison; the architect caught the magic words, he put this proposition in force, and the cheers of the people proclaimed the success of the great undertaking. Next day the British criminal was solemnly arraigned before his

Holiness; his crime was undeniably proved and the Pope, in solemn language, pronounced his sentence to be—that he should receive a pension annually during his lifetime.

General Hospital Study Published

Is hospital planning keeping pace with recent advancements in scientific medicine and patient care? A few years ago the U. S. Public Health Service enlisted the help of experts in the fields of architecture, engineering, medicine, hospital administration, nursing and dietetics for the purpose of correlating hospital design with developments in patient care and treatment. Their findings are to be published this week in book form by the F. W. Dodge Corporation of New York and the Modern Hospital Publishing Company of Chicago.

Entitled DESIGN AND CONSTRUCTION OF GENERAL HOSPITALS, the new book will comprise the latest thinking on the complex problem of hospital planning and will be indispensable to architects, contractors, hospital administrators and community leaders faced with the problem of initiating a plan for a proposed hospital. The material has been continually revised and rechecked, even up to press time, to conform with the most recent hospital techniques and operating practice. Schematic plans for facilities in hospitals of various sizes ranging from an 8-bed community clinic to a 200-bed urban hospital illustrate the most efficient orientation of departments. The Public Health Service believes that the design of any hospital is unique and that this material should be used as a guide in planning, and be adapted as necessary to local needs and conditions.

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(Continued on Page 14)



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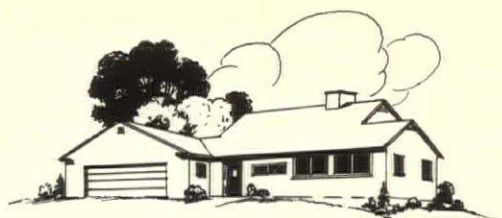
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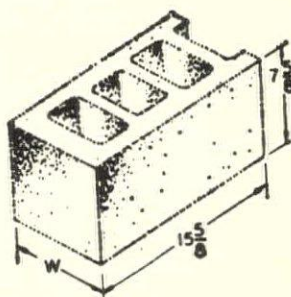
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(Continued from Page 12)

to suggest; and this at once raises him in the scale of utility. By understanding the purpose of his work, he is enabled to direct his exertions more efficiently: by comprehending the extent of his toil, he can dispose of his powers to the best advantage.

UTILITY OF ARCHITECTURAL KNOWLEDGE

Every man has at some time of his life, a personal interest in architecture. He has influence on the design of some public building, or he has to buy or build or alter his own houses. It signifies less whether the knowledge of other art be general or not. Men may live without buying pictures or statues; but in architecture all must in some way commit themselves; they must do mischief, and waste their money, if they do not know how to turn it to account. Churches and shops and warehouses and cottages, and small row and place and terrace houses must be built and lived in, however joyless or inconvenient; and it is assuredly intended that all of us should have knowledge in matters in which we are daily concerned and not be left to the caprice of architects or mercy of contractors.

—Ruskins "Stones of Venice"



"And here's a copy of the office vacation schedule — yours starts tomorrow."

Ken Murray likes to tell about the Hollywood producer who had to give one of his wife's relatives a studio job. The relative, upon arriving at the studio, asked: "What will my job be?"

"It'll be a sort of public-relations job," explained the producer. "Just don't make it public that we're relations."—PAUL DENIS, *N Y Daily Compass*.

FALL MEETING

N. H. Chapter, A. I. A.

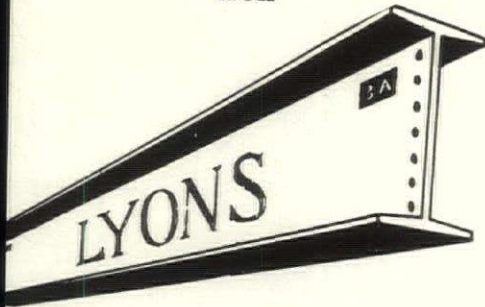
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